

July 18, 1994

RECEIVED

JUL 22 1994

IOWA SECTION

Environmental Protection Agency Region 7 WSTM/RCRA/Iowa 726 Minnesota Avenue Kansas City, KS 66101

Dear Sir:

Enclosed is Amana Refrigeration, Inc.'s revised 1993 Biennial Hazardous Waste Report.

The purpose of the revised forms is to clarify the wastestreams and processes for a system which was installed in 1993 to treat chrome-bearing rinse waters. One new GM was completed and changes were made to an existing GM and PS. Changes have been made in red ink.

Sincerely,

Lawrence E. Swanson

Vice President-Operations

Enclosure



IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin

AMANA, IA 52204



4QWA SECTIONS. ENVIRONMENTAL **PROTECTION AGENCY**

1993 Hazardous Waste Report

OMB#: 2050-0024 Expires 8/31/96

FORM IC

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1993 Hazard	lous Waste Report booklet before completing this form.
Sec. I Site name and location address. Complete A through H. Check the box information. Instruction page 10.	items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter
A. EPA ID No. Same as label loc →	B. County Iowa
C. Site/company name Same as label ™ or →	D. Has the site name associated with this EPA ID changed since 1991? 1 Yes 2 No
E. Street name and number. If not applicable, enter industrial park, building name, or other same as label Ξ or \to	physical location description.
F. City, town, village, etc. Same as label ಔ or →	G. State Same as label X LIII H. Zip Code Same as label X LIIII LIIII LIIII H. Zip Code
Sec. II Mailing address of site. Instruction page 10.	
A. Is the mailing address the same as the location address? 1 Yes (SKIP TO SI 2 Ne (GO TO BOX	
B. Number and street name of mailing address	
C. City, town, village, etc.	D. State E. Zip Code
Sec. III Name, title, and telephone number of the person who should be contacted if	questions arise regarding this report Instruction page 10
Name, title, and telephone number of the parson who should be contacted if	
A. Please print: Last Name First name M.L. Steiff Robert A.	Supervisor Waste Treatment C. Telephone 3 1 9 6 2 2 2 2 2 1 7 5 Extension 2 1 7 5
qualified personnel properly gather and evaluate the information submitted. B responsible for gathering the information, the information submitted is, to the	prepared under my direction or supervision in accordance with a system designed to assure that assed on my inquiry of the person or persons who manage the system, or those persons directly best of my knowledge and belief, true, accurate and complete. I am aware that on and Recovery Act for submitting false information, including the possibility of fine and
A. Please print: Last Name First name M.I. Swanson Lawrence E.	B. Title Vice President-Operations (Amana)
C. Signature Exwannon	D. Date of signature O2 24 94 MO. DAY YR.

Sec.V -	Generator :	Statu	1.71	NO. LI A	D ₁ O ₁ O ₁ O ₁ G	1101	4, 3, 6,			
Instructi	RCRA gene on page 10. ONE BOX B			B. Reason for Page 12. (CHECK ALL TI			,			
2 1 L00 2 SQ(3 CES	sog _ s		SEC. VI			□ 6 W	eriodic or occ /aste minimiza ther (SPECIFY	tion acti	vity	BELOW)
Sec.VI -	On-Site Wa	ste l	fanagement Status						*- 1	and the second second
A. Store	ge subject to		A permitting require	ments Page 13.	B. Treatment, disposal requirements Page 13	/	subject to R	CRA per	mitting	C. RCRA-exempt treatment, disposal, or recycling Pa
Sec.VII -	Waste Mir	nimiza	tion Activity durin	g 1992 or 198	3			-		
100000000000000000000000000000000000000	is site begin		pand a <u>source reduc</u> ge 14.	ction activity	B. Did this site begin of 1993? Page 15. DK1 Yes	or expand a	recycling acti	rity durin	g 1992 or	C. Did this site systematically investigate opportunitifor source reduction or recycling during 1992 or 198 Page 15. [X1 Yes
□ 2 No					□ 2 No		THE SHALL			□ 2 No
	y of the fac YES OR NO			limit this site's	ability to initiate new o	or additional	source reduct	ion activ	ities in 1992	or 19937 Page 15
Yes G-1 G-1 G-1 G-1 G-1 G-1 G-1	Ne	a. b. c. d. e. f. g. h. i.	Lack of technic Source reductie Concern that pr Technical limitar Permitting burde Source reduction Source reduction	al information on n is not econom roduct quality m tions of the pro- ens n previously imp n previously imp n previously imp n previously imp	ay decline as a result of duction processes lemented - additional re- lemented - additional re- lemented - additional re-	niques applic ings in waste f source redu duction does duction does	able to the sp management uction not appear to not appear to	ecific produced to the produced to the technology of the technolog	eduction prec uction will ne unically feasib nomically feasib	t recover the capital investment le
	y of the fac ES OR NO I			limit the site's a	ability to initiate new or	additional e	n-site or off-s	ite <u>recyc</u>	ling activities	during 1992 or 19937 Page 15.
Yes B 1	<u>№</u> □ 2		implement new rec	ycling practice	ecycling equipment or	Yes 1	No Ex2	, g.	Technical lin	mitations of production processes inhibit shipments off
超 1	2	b.	Lack of technical is applicable to this a			0 1 0 1	E 2	h.		nitations of production processes inhibit on-site recycli ourdens inhibit recycling
8 1	0 2	G.	Recycling is not ec in waste managem investment	onomically feasi	ble: cost savings	0 1 0 1 0 1	Dx2 Dx2 Dx2	j. k.	Lack of period	mitted off-site recycling facilities lentify a market for recycled materials reviously implemented - additional recycling does not
x2 1	□ 2	d.	Concern that produ	ct quality may	decline as a result of				appear to be	e technically feasible
1	2 2		recycling Requirements to ma off-site for recyclin	9	•	0 1 0 1	D±2	m.	appear to be Recycling pr	reviously implemented - additional recycling does not e economically feesible reviously implemented - additional recycling does not
□ 1	x D 2	f.	Financial liability pr recycling	ovisions inhibit s	shipments off-site for	1	1 2	0.		o feasible due to permitting requirements IFY COMMENTS IN BOX BELOW)
										A CONTRACTOR OF THE CONTRACTOR
Comments										

IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin HwY 220

AMAMA, IA 52204







U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

INSTRUCTIONS: Read the detailed instructions beginning on	page 16 of the 1993 Hazardous Was	aste Report booklet before com	pleting this form.	
	Z 100 Carrier Contraction of the		State Control Control	
Sec. I A. Waste description - Instruction page 18. Flammable-spent solven mixture of Toluene and		peration -		·
B. EPA hazardous waste code Page 19.	C. St	State hazardous waste code Pr	age 19.	
<u>D, O, O, I, D, O, I, 8</u>	3.			8
$[D_1, 0_1, 3_1, 5]$ $[F_1, 0_1, 0_1, 3]$				
D. SIC code Page 19. E. Origin code L Page 19 System Type LM Type LM	F. Source code Page 20. G. Po	e 20. Page 2		radioactive mixed Page 20.
Sec. II A. Quantity generated in 1992 Instruction Page 21. B. Quantity gen Page 21.	Page	e 21.	the state of the s	of the following to this waste: treat on cycle on site, or discharge to a '1.
	.,5,5,0,9,0,•	1 1 1 1 1 2 1 2 1 1	□ 1 Yes (CONTINUE ▼ 2 No (SKIP TO SI	
ON-SITE PROCESS SYSTEM 1	ON-SI	SITE PROCESS SYSTEM 2		
On-site process system type Quantity treated, disposed on site in 1993	d, or recycled On-site	ite process system type	Quantity treated, disposin 1993	osed, or recycled on site
LM	·	LM		·
Sec.III A. Was any of this waste shipped off-site in 19. Instruction page 23.	93 🗷 1 Yes (CONTINUE TO BO)	OX B)		
Site 1 B. EPA ID No. of facility waste		ystem type shipped to D. Off-s	site E. Total qua	antity shipped in 1993
Page 23.	Page 2	23. availabi	mry code rage 25.	
Page 23. [I N D 0 1 6 C				1 5 9 8 4 4
Site 2 B. EPA ID No. of facility waste	6, 2, 1, 4, 7, 6, L was shipped to C. Sys	ystem type shipped to D. Off-s	3. 1.	11 15 19 18 14 14 1 • L
Site 2 B. EPA ID No. of facility waste	6 2 1 4 7 6 C. Sys	ystem type shipped to D. Off-s	3. 1 E. Total quality code Page 23.	
Site 2 B. EPA ID No. of facility waste Page 23. N. A.	6 2 1 4 7 6 C. Sys	ystem type shipped to D. Off-savailabi	3. 1 E. Total quality code Page 23.	intity shipped in 1993
Site 2 B. EPA ID No. of facility waste Page 23. N. A.	6 2 1 4 7 6 C. Sys was shipped to Page 2 Lion of this waste? 1 Yes (CONTIL	ystem type shipped to D. Offse available Page 23. LM	3. 1 E. Total quality code Page 23.	ntity shipped in 1993
Site 2 B. EPA ID No. of facility waste Page 23. N. A. L. J. J. L.	6 2 1 4 7 6 C. Sys was shipped to Page 2 Lion of this waste? 1 Yes (CONTIL	ystem type shipped to D. Offse available Page 23. LM	3. 1 E. Total quality code Page 23. 3. L.	intity shipped in 1993
Site 2 B. EPA ID No. of facility waste Page 23. N. A. L. J. J. L.	was shipped to C. Sys Page 2 ion of this waste? 1 Yes (CONTII 2 No (THIS FO	ystem type shipped to D. Off-s availabit Page 23 LM	3. 1 E. Total quality code Page 23. 3. L.	ntity shipped in 1993
Site 2 B. EPA ID No. of facility waste Page 23. N A N A N A No. of facility waste Page 23. N A N A N A N A N A N A N A N	was shipped to C. Sys Page 2 ion of this waste? 1 Yes (CONTII 2 No (THIS FO	ystem type shipped to D. Off-s availabit Page 23. LM	3. 1 E. Total quality code Page 23. 3. L.	reduction quantity Page 28.

IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin

HWY 220

AMANA, IA 52204



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Haza	rdous Waste Report booklet before completing this form.
Sec. I A. Waste description - Instruction page 18.	
Flammable-spent solvent from cleani mixture of Mineral Spirits, Xylene	ng in Paint Department -
B. EPA hazardous waste code Page 19.	C. State hazardous waste code Page 19.
<u>1D O₁ 3₁ 5₁ D₁ O₁ 1₁ 8₁</u>	
<u></u>	
D. SIC code Page 19. E. Origin code L1 Page 19 F. Source code Page 20. System Type LM L L L L L L L L L L L L L L L L L L	G. Point of measurement Page 20. Page 20. LB 1 2 0 3 L2
Sec. II A. Quantity generated in 1992 Instruction Page 21. B. Quantity generated in 1993 Page 21.	C. UOM Density D. Did this site do eny of the following to this weste: treet on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
1_2_4_2_0_•	1 1 1 1 1 1 1 1 1 1
ON-SITE PROCESS SYSTEM 1	ON-SITE PROCESS SYSTEM 2
On-site process system type Quantity treated, disposed, or recycled on site in 1993	On-site process system type Quantity treated, disposed, or recycled on site Page 22. in 1993
[M	[M
Sec.III A. Was any of this waste shipped off-site in 1993 Instruction page 23. D 2 No (SKIP TO S	
Site 1 B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to D. Off-site E. Total quantity shipped in 1993 Page 23. Page 23.
[I ₁ N ₁ D ₁ (0 ₁ 1 ₁ 6 ₁ (6 ₁ 2 ₁ 1 ₁ (4 ₁ 7 ₁ 6 ₁	LM114; 1 Page 23. 1 LI LI 164400
Site 2 B. EPA ID No. of facility waste was shipped to	C. System type shipped to D. Off-site E. Total quantity shipped in 1993
Page 23.	Page 23.
Page 23. LILNLD: L9:8:0: L5:9:0: L9:4:7:	Page 23. [M_10 5 1] Page 23. L
LILNLDI (91810) (51910) (91417)	[M ₁ 0 5 1] Page 23. 11 1 9 2 0 • 1
Sec. IV A. Did new activities in 1993 result in minimization of this waste? 1 Your Sec. IV	Page 23. [M_1O 5 1] Page 23. (CONTINUE TO SYSTEM 1) (THIS FORM IS COMPLETE)
Sec. IV A. Did new activities in 1993 result in minimization of this waste? 1 Your Sec. IV A. Did new activities in 1993 result in minimization of this waste? 1 Your Sec. IV B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 Page 25.	Page 23. [M_10 5 1] Page 23. (CONTINUE TO SYSTEM 1) (THIS FORM IS COMPLETE)
Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 Page 25. Page 25.	Page 23. [M_1O_1_5 _1] Page 24. [M_1O_1_5 _1] Page 25. [M_1O_1_5 _1] Page 26.

IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin

HWY 220

AMANA, IA 52204



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardo	us Waste Report booklet before completing this form.
Sec. I A. Waste description - Instruction page 18. Off-spec paint from painting of part	s, flammable liquids, waste paint
B. EPA hazardous waste code Page 19.	C. State hazardous waste code Page 19.
$[D_1O_1O_1]$ $[D_1O_1]$ $[8]$	
D. SIC code Page 19. E. Origin code L. Page 19 F. Source code Page 20.	G. Point of measurement H. Form code I. RCRA - radioactive mixed Page 20.
13 6 3 2	Page 20. LB 1 21 11 11 12 12 1
Sec. II A. Quantity generated in 1992 Instruction Page 21. B. Quantity generated in 1993 Page 21.	C. UOM Density D. Did this site do any of the following to this wasto: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
3,2,4,0,•	☐ 1 lbs/gal ☐ 2 sg EX 2 No (SKIP TO SEC. III)
On-SITE PROCESS SYSTEM 1 On-site process system type Quantity treated, disposed, or recycled	On-site process system 2 On-site process system type Quantity treated, disposed, or recycled on site
Page 22. on site in 1993	Page 22. in 1993
Sec.III A. Was any of this waste shipped off-site in 1993 🛣 1 Yes (CONTINUE	TO DOV DI
Instruction page 23.	C IV)
	C. System type shipped to Page 23. D. Off-site E. Total quantity shipped in 1993 Page 23.
(1, N, D, (0, 1, 6, 6, 2, 1, (4, 7, 6))	[M ₁ 1,4,1] Page 23. [1] [1 1 1 1 5 12 16 15 1 • [1]
Site 2 B. EPA ID No. of facility waste was shipped to Page 23. N. A.	C. System type shipped to Page 23. D. Off-site availability code Page 23. Page 23.
	[M
Sec. IV A. Did new activities in 1993 result in minimization of this waste? 日 1 Yes Instruction page 24.	(CONTINUE TO SYSTEM 1) THIS FORM IS COMPLETE)
B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 d Page 25. LW LW 1 Yes LW 2 No	index Page 25.
Comments: Reference Sec. 1, Box B, F002, F	003, F005

IAD000610436

AMANA REFRIGERATION Cynthia A. Baldwin HWY 220

AMANA, IA 52204



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the o	detailed instructions beginning on page 16 of the 1993 Hazardo	us Waste Report booklet before complet	ing this form.
Flamm	ription Instruction page 18. able-spent solvent from paintir 1 Ethyl Ketone Mixture	ng of plastic parts	-
B. EPA hazardous waste code	Page 19.	C. State hazardous waste code Page	19.
, D	101011 [D101017]		×
<u>D</u>	101018 D101315 D10118		
D. SIC code Page 19.	E. Origin code L1 Page 19 F. Source code Page 20.	G. Point of measurement H. Form co	
<u> 3, 6, 3, 2</u>	System Type LM LA 2 1	Page 20. Page 20. LB_2_1	2
Sec. II A. Quantity ge Instruction Pag	nerated in 1992 B. Quantity generated in 1993 Page 21.	Page 21.	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
9,	5,0,,,0,		□ 1 Yes (CONTINUE TO SYSTEM 1) 1 OF 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type	Quantity treated, disposed, or recycled	On-site process system type Q	uantity treated, disposed, or recycled on site
Page 22.	on site in 1993		1993
ſWŢŢŢŢŢ	<u> </u>	L _M TTTTTT	
AND RESERVED TO SERVED WHEN		A THE RESERVE AND A SECOND SECOND	The second secon
Sec.III A. Was any of Instruction pag	this weste shipped off-site in 1993 IT Yes (CONTINUE 23.		
Site 1	B. EPA ID No. of facility waste was shipped to	C. System type shipped to D. Off-site	E. Total quantity shipped in 1993
	Page 23. I N D 0 1 6 6 2 1 4 7 6	Page 23. availability	
	النبات لتبتاث لتبتاث النبات	LM_1,4,1 Page 23.	1, 4,7,5,
Site 2	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to D. Off-site	E. Total quantity shipped in 1993 code Page 23.
	N A	Page 23.	
		[M	
		And the second s	
Sec. IV A. Did new acti	ivities in 1993 result in minimization of this waste? ©x1 Yes 24.	(CONTINUE TO SYSTEM 1) This form is complete)	
B. Activity Page 24.	C. Other effects Page 24. D. Quantity recycled in 1993 d		ion F. 1993 source reduction quantity Page 28.
LW_4,2, LW_8,2	Page 25.	index Page 25.	
$\lfloor w_1 8_1 9_1 \rfloor \lfloor w_1 N_1 A_1$	□ 1 fes N A □ □ 2 No □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	N A	9,5,0,0
AND THE SECOND S	Marie Harrison Marie Mar		
Comments:			

Reference Sec. I, Box B, F003, F005

Reference Sec. IV, Box B, Parts are being painted by a vendor.

IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin HWY 220

AMANA, IA 52204



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardon	us Waste Report booklet before completing this form.
是是不是一种的一种,但是一种的一种的一种的一种的。	
Sec. I A. Waste description - Instruction page 18. Flammable-spent solvent & Methylene equipment	Chloride from cleaning of urethane foaming
B. EPA hazardous waste code Page 19.	C. State hazardous waste code Page 19.
$\begin{bmatrix} \mathbf{D}_1 & \mathbf{O}_1 & \mathbf{O}_1 & 1 \end{bmatrix}$ $\begin{bmatrix} \mathbf{F}_1 & \mathbf{O}_1 & \mathbf{O}_1 & 2 \end{bmatrix}$	
NA NA NA	
D. SIC code Page 19. E. Origin code L2 Page 19 F. Source code Page 20.	G. Point of measurement H. Form code I. RCRA - radioactive mixed Page 20.
3 6 3 2 System Type LM LA 5 6	Page 20. LB 2 0 4 2
A. Quantity generated in 1992 Instruction Page 21. A. Quantity generated in 1993 Page 21.	C. UOM Density D. Did this site do any of the following to this wests: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
<u> </u>	☐ 1 lbs/gai ☐ 2 sg ☐ 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1	ON-SITE PROCESS SYSTEM 2
On-site process system type Quantity treated, disposed, or recycled	On-site process system type Quantity treated, disposed, or recycled on site
Page 22. on site in 1993	Page 22. in 1993
LM	[M
Sec.III A. Was any of this waste shipped off-site in 1993 Instruction page 23. 1 Yes (CONTINUE 7	
	C. System type shipped to D. Off-site E. Total quantity shipped in 1993
	Page 23.
[I,N,D, [0,1,6, [6,2,1], [4,7,6]	LM, 1, 4, 1, Page 23. (1) L. 1. 1. 1. 9, 5, 0.
	C. System type shipped to D. Off-site E. Total quantity shipped in 1993
Page 23. N A	Page 23. Page 23.
A TO SECURE WHEN THE PROPERTY OF THE PROPERTY	The second section is a second section of the second section of the second section is a second section of the second section of the second section section is a second section of the second section s
Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.	CONTINUE TO SYSTEM 1) THIS FORM IS COMPLETE)
B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 do	
	index Page 25.
LWLW 2 No	
AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS	
Comments:	

IAD000610436

AMANA REFRIGERATION Cynthia A. Baldwin

HWY 220

AMANA, IA 52204



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazard	lous Waste Report booklet before completing this form.
Sec. A. Waste description - Instruction page 18. Flammable solid from cleaning of si solvent soak rags	ilk screening in plastic part production -
B. EPA hazardous waste code Page 19. [D ₁ 0 ₁ 0 ₁ 1] [D ₁ 0 ₁ 0 ₁ 3] [F ₁ 0 ₁ 0 ₁ 5] NA	C. State hazardous waste code Page 19.
D. SIC code Page 19. B. Origin code 1 Page 19 F. Source code Page 20. System Type LM	G. Point of measurement Page 20. Page 20. Page 20. B_14_10_19_
A. Quantity generated in 1992 B. Quantity generated in 1993 Page 21. A. Quantity generated in 1993 Page 21.	C. UOM Density Page 21. D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. 1 Yes (CONTINUE TO SYSTEM 1) 2 No (SKIP TO SEC. III)
On-site process system type Quantity treated, disposed, or recycled Page 22. On site in 1993	On-site process system type Quantity treated, disposed, or recycled on site Page 22. LM
Sec.III A. Was any of this waste shipped off-site in 1993 Instruction page 23. © 1 Yes (CONTINUE of 2 No. (SKIP TO. St.)	1 % 2000 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Site 1 B. EPA ID No. of facility waste was shipped to Page 23. INDIO 16 2 1 476	C. System type shipped to D. Off-site E. Total quantity shipped in 1993 Page 23. Page 23. 1 Page 23. 1
Site 2 B. EPA ID No. of facility waste was shipped to Page 23. LIND 980 590 590 1947	C. System type shipped to Page 23. (M_ 0, 5, 3] Page 23. (M_ 0, 5, 3) Page 23. (M_ 0, 5, 3) Page 23. (M_ 0, 5, 3)
Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.	(CONTINUE TO SYSTEM 1) (THIS FORM IS COMPLETE)
B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 Page 25. N A Tx2 No	due to new activities E. Activity/production F. 1993 source reduction quantity Page 26. index Page 25.
Comments:	

Reference Section I, Box H, Rags soaked with non-halogenated solvent

IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin HWY 220

ANANA, IA 52204



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

-	
INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazard	ous Waste Report booklet before completing this form.
Sec. I A. Waste description - Instruction page 18. Combustible-spent solvent from clear	aning or parts, Petroleum Naphtha
B. EPA hazardous waste code Page 19. [D; 0, 0, 1] [D, 0, 1, 8] [D, 0, 3, 9] [N A N A	C. State hazardous waste code Page 19.
D. SIC code Page 19. E. Origin code 1: Page 19 F. Source code Page 20. System Type M	G. Point of measurement Page 20. Page 20. LB 2 1 1 1 2 2
Sec. II A. Quantity generated in 1992 Instruction Page 21. A. Quantity generated in 1993 Page 21. A. Quantity generated in 1993 Page 21.	C. UOM Page 21. D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. 1 Yes (CONTINUE TO SYSTEM 1) F2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1 On-site process system type Quantity treated, disposed, or recycled on site in 1993 LM L L L L L L L L L L L L L L L L L L	ON-SITE PROCESS SYSTEM 2 On-site process system type Page 22. LM
Sec.III A. Was any of this waste shipped off-site in 1993 Instruction page 23. A. Was any of this waste shipped off-site in 1993 2 No (SKIP TO SE	
Site 1 B. EPA ID No. of facility waste was shipped to Page 23. L A D 0, 2, 2, 3, 6, 5, 4, 8, 0,	C. System type shipped to Page 23. LM_0,2,4 Page 23. D. Off-site availability code Page 23. Page 23. LM_1,0,2,4 Page 23. LM_1,0,2,4 Page 23. Page 23.
Site 2 B. EPA ID No. of facility waste was shipped to Page 23. N. A.	C. System type shipped to D. Off-site E. Total quantity shipped in 1993 Page 23. Page 23. Page 23. L.
Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.	(CONTINUE TO SYSTEM 1) (THIS FORM IS COMPLETE)
B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 Page 25. LW LW	index Page 25.
Comments: Reference Sec. III, C Vacuum Distillation	

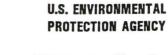
IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin HWY 220

AMANA, IA 52204





1993 Hazardous Waste Report

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazard	ous Waste Report booklet before completing this form.
Sec. I A. Waste description - Instruction page 18. Solids from urethane foaming of ref	rigerators, Poison B, Toluene Diisocyanate
B. EPA hazardous waste code Page 19. U ₁ 2 ₁ 2 ₁ 3 ₁	C. State hazardous waste code Page 19.
D. SIC code Page 19. B. Origin code L2 Page 19 F. Source code Page 20. System Type LM L L L L L L L L L L L L L L L L L L	G. Point of measurement Page 20. Page 20. LB_4_0_3 LB_14_10_3
A. Quantity generated in 1992 B. Quantity generated in 1993 Page 21. 3 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C. UOM Page 21. Density Density Double this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. 1 Yes (CONTINUE TO SYSTEM 1) 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1 On-site process system type Quantity treated, disposed, or recycled Page 22. on site in 1993 One site in 1993	On-site process system type On-site process system type Page 22. On-site process system type in 1993
Sec.III A. Was any of this waste shipped off-site in 1993 Instruction page 23. 1 Yes (CONTINUE 2 No (SKIP TO SE	
Site 1 B. EPA ID No. of facility waste was shipped to Page 23. LIND D D 1 6 2 1 476	C. System type shipped to Page 23. D. Off-site E. Total quantity shipped in 1993 Page 23. Page 23. Page 23. Page 23.
Site 2 B. EPA ID No. of facility waste was shipped to Page 23. N A	C. System type shipped to Page 23. Page 23. Page 23. Page 23. Page 23.
Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.	(CONTINUE TO SYSTEM 1) (THIS FORM IS COMPLETE)
B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 of Page 25. Page 25. C. Other effects Page 24. Page 25. C. Other effects Page 26. C	due to new activities E. Activity/production F. 1993 source reduction quantity Page 28. index Page 25.
Comments:	

IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin

HWY 220

AMANA, IA 52204



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

-	
INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardo	ous Waste Report booklet before completing this form.
Sec. I A. Waste description - Instruction page 18. Lab packed waste	
B. EPA hazardous waste code Page 19. Di Oi Oi Ii Ui 2 4 0 Li Ai Bi Pi NA N A D. SIC code Page 19. System Type M II Page 19 F. Source code Page 20. La 5 8	C. State hazardous waste code Page 19. G. Point of measurement H. Form code Page 20. Page 20. LB 1 0 1 0 1 3 L2
Sec. II A. Quantity generated in 1992 Instruction Page 21. 2 9 2 2 1 3 9 8 8	C. UOM Density Page 21. D. Did this site do any of the following to this wasto: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. 1 Yes (CONTINUE TO SYSTEM 1) 1 1 lbs/gal 2 sg
ON-SITE PROCESS SYSTEM 1 On-site process system type Quantity treated, disposed, or recycled Page 22. on site in 1993 [M	ON-SITE PROCESS SYSTEM 2 On-site process system type Page 22. Onumber of the process system type Onumber of the process system type In 1993
Sec.III A. Was any of this waste shipped off-site in 1993 Instruction page 23. X i Yes (CONTINUE 2 No (SKIP TO SE	
Site 1 B. EPA ID No. of facility waste was shipped to Page 23. L. A. D. O. 1. O. 3. 9. 5. 1. 2. 7. Site 2 B. EPA ID No. of facility waste was shipped to Page 23. T. X. D. O. 5. 5. 1. 4. 1. 3. 7. 8.	C. System type shipped to Page 23. LM_0_4_9 C. System type shipped to Page 23. LM_0_4_9 D. Off-site availability code Page 23. LM_0_4_9 D. Off-site E. Total quantity shipped in 1993 Page 23. E. Total quantity shipped in 1993 Page 23. E. Total quantity shipped in 1993 Page 23. LM_0_4_9 Page 23. LM_0_4_9 Page 23. LM_0_4_9
Sec. IV A. Did new activities in 1993 result in minimization of this waste?	
B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 of Page 25. LW LW 1 Yes LW LW 2 No	lue to new activities E. Activity/production F. 1993 source reduction quantity Page 26. index Page 25.
Comments:	

IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin HWY 220

AMANA 1A 52204





1993 Hazardous Waste Report

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardo	us Waste Report booklet before completing this form.
TO MAKE A CONTROL OF THE PROPERTY OF THE PROPE	
mixedic of paint pigments and sodium	ng in the Paint Department, corrosive solid, salts
B. EPA hazardous waste code Page 19.	C. State hazardous waste code Page 19.
D ₁ O ₁ O ₁ O ₂ NA NA	
D. SIC code Page 19. 3 6 3 2 System Type LM Type LM LA1011	G. Point of measurement Page 20. Page 20. LB 3 1 1 5
A. Quantity generated in 1992 Instruction Page 21. B. Quantity generated in 1993 Page 21.	C. UOM Density D. Did this site do any of the following to this weste: treat en site, dispose on site, recycle on site, or discharge to a sewer/POTM? Page 21. 1
92708. 124509.	☐ 1 lbs/gai ☐ 2 sg ☐ 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1	ON-SITE PROCESS SYSTEM 2
On-site process system type Quantity treated, disposed, or recycled on site in 1993	On-site process system type Quantity treated, disposed, or recycled on site in 1993
M 1 2 1 1 2 1 1 2	N A
THE RESIDENCE OF A CONTROL OF A	
Sec.III A. Was any of this waste shipped off-site in 1993 Instruction page 23. 1 Yes (CONTINUE 1) 1 Yes (CONTINUE 2)	TO BOX B)
Sec.III A. Was any of this waste shipped off-site in 1993 Instruction page 23. Site 1 B. EPA ID No. of facility waste was shipped to	O BOX B) IV) C. System type shipped to Page 23. D. Off-site E. Total quantity shipped in 1993 Page 23.
Sec.III A. Was any of this waste shipped off-site in 1993	TO BOX B) IV) C. System type shipped to Page 23. LM
A. Was any of this waste shipped off-site in 1993	TO BOX B) IV) C. System type shipped to Page 23. LM L L L L L L L L L
A. Was any of this waste shipped off-site in 1993	C. System type shipped to D. Off-site availability code Page 23. LM
A. Was any of this waste shipped off-site in 1993	C. System type shipped to Page 23. C. System type shipped to Page 23. D. Off-site availability code Page 23. C. System type shipped to D. Off-site availability code Page 23. E. Total quantity shipped in 1993 E. Total quantity shipped in 1993 Page 23. Page 23.
A. Was any of this waste shipped off-site in 1993	C. System type shipped to Page 23. LM
Sec. IV A. Was any of this waste shipped off-site in 1993 Instruction page 23. B. EPA ID No. of facility waste was shipped to Page 23. Site 2 B. EPA ID No. of facility waste was shipped to Page 23. Site 2 A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 de Page 25.	C. System type shipped to Page 23. LM
Sec. IV A. Was any of this waste shipped off-site in 1993	C. System type shipped to Page 23. C. System type shipped to Page
A. Was any of this waste shipped off-site in 1993	C. System type shipped to Page 23. LM

IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin

HWY 220

AMANA, IA 52204



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

GM GM

•	•
INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardon	us Waste Report booklet before completing this form.
Sec. I A. Waste description - Instruction page 18. Ion exchange of well water for rins: liquid	ing of parts prior to painting, corrosive
B. EPA hazardous waste code Page 19. D O O 2 N A	C. State hazardous waste code Page 19.
NA NA NA	
D. SIC code Page 19. B. Origin code 1 Page 19 F. Source code Page 20. System Type 1 LM LA 0 6	G. Point of measurement H. Form code Page 20. Page 20. B 1 1 9 L 21
Sec. II A. Quantity generated in 1992 Instruction Page 21. A. Quantity generated in 1993 Page 21. 7 8 5 4 0 0	C. UOM Page 21. D. Did this site do any of the following to this wasto: treet on site, recycle on site, or discharge to a sower/POTW? Page 21. 1 S
ON-SITE PROCESS SYSTEM 1	ON-SITE PROCESS SYSTEM 2
On-site process system type Page 22. On site in 1993 On site in 1993 On site in 1993 On site in 1993	On-site process system type Quantity treated, disposed, or recycled on site Page 22. In 1993 In A In A
Sec.III A. Was any of this waste shipped off-site in 1993 Instruction page 23. 1 Yes (CONTINUE TO SEC	
The second secon	C. System type shipped to D. Off-site E. Total quantity shipped in 1993 Page 23. Page 23. Page 23. LILILILILILILILILILILILILILILILILILILI
	C. System type shipped to D. Off-site E. Total quantity shipped in 1993 Page 23. Page 23. Page 23.
Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.	CONTINUE TO SYSTEM 1) THIS FORM IS COMPLETE)
B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 du Page 25. N. A. L.W. L.W. N. A. L.W. L.W. L.W. L.W. L.W. L.W. L.W.	index Page 25.
Comments: Reference Sec. 1. Box H. Spent Acid & Caustic	Liquida form Town Town

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER: IAD000610436 AMANA REFRIGERATION

CINDY RASPILLER Cynthia A. Baldwin

HWY 220 AMANA, IA 52204



U.S. ENVIRONMENTAL **PROTECTION AGENCY**

1993 Hazardous Waste Report

INSTRUCTIONS: Read the detailed	d instructions beginning on page 16 of the 1993 Hazardo	us Waste Report booklet before compl	eting this form.
B. EPA hazardous waste code Page D. SIC code Page 19. E. Or System	ontaining 19. O7	C. State hazardous waste code Pag G. Point of measurement Page 20. Page 20.	
Instruction Page 21.	Quantity treated, disposed, or recycled on site in 1993	C. UOM Density Page 21. 1 Ibs/gal 2 sg ON-SITE PROCESS SYSTEM 2 On-site process system type Page 22. M	D. Did this site do any of the following to this waste: treat en site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. 1 Yes (CONTINUE TO SYSTEM 1) 2 No (SKIP TO SEC. III) Quantity treated, disposed, or recycled on site in 1993
Instruction page 23. Site 1 B. EP Page Site 2 B. EP	PA ID No. of facility waste was shipped to		e E. Total quantity shipped in 1993
Sac. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 due to new activities E. Activity/production F. 1993 source reduction quantity Page 26. Page 25. I Yes Comments: Reference Sec. I, Box F Rinsing of Chromic acid off parts prior to painting Reference Sec. I, Box H Water - metals from rinsing of Parts			
Reference Soc	c.1, Box# Water - metals ze 11, System 1 lon excha	from rinsing of	Parts

IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin

AMANA 1A 52204



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

_		*			×
INSTRUCTIONS: Read the d	etailed instructions beginning or	page 16 of the 1993 Hazardo	us Waste Report booklet be	fore completing this t	form.
DI chr	ription Instruction page 18. ome regenerate ning chrome	from ion exchang	ge recycling s	ystem, cor	rosive liquid
	Page 19. O O 7 D O O N A N A	N A	C. State hazardous waste	code Page 19.	
D. SIC code Page 19.	E. Origin code Ll Page 19 System Type LM L L L	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20. LB ₁ 1 ₁ 1 ₁ 9 ₁	I. RCRA - radioactive mixed Page 20.
Sec. II A. Quantity ger Instruction Page	0	0,7,0,4,3,5,	C. UOM De Page 21. 58 • GX1 lbs/gai C	site, disposewer/PO'	is site do any of the following to this wests: treat on ose on site, recycle on site, or discharge to a TW? Page 21. (CONTINUE TO SYSTEM 1) (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1 On-site process system type Page 22. LM_1 O_1 7_1 7_1	Quantity treated, dispose on site in 1993		ON-SITE PROCESS SYSTEM On-site process system typ Page 22. LM_I	e Quantity t	reated, disposed, or recycled on site
Sec.III A. Was any of Instruction page	this waste shipped off-site in 19	1 Yes (CONTINUE T 2 2 No (SKIP TO SEC			
Site 1	B. EPA ID No. of facility wast Page 23.		C. System type shipped to Page 23.		E. Total quantity shipped in 1993 Page 23.
Site 2	B. EPA ID No. of facility waste Page 23.		C. System type shipped to Page 23.		E. Total quantity shipped in 1993 Page 23.
Sec. IV A. Did new active Instruction page		tion of this waste? 🗷 1 Yes ((CONTINUE TO SYSTEM 1) THIS FORM IS COMPLETE)	i	
B. Activity Page 24. LW 0 1 LW 4 2 LW 5 1 LW N A		D. Quantity recycled in 1993 d Page 25.	index	Page 25.	993 source reduction quantity Page 28.
Comments:	on Con 1 P	n dl n			

Reference Sec. 1, Box F Chrome Rinse Prior to Painting

Reference Sec. 1, Box H Mixture of B103 & B106 Reference Sec. 1, Box A 1992 Chrome DI Recycling was not on line: all waste was treated

Waste Treatment.

IAD000610436

AMANA REFRIGERATION

Cynthia A. Baldwin

AMANA, IA 52204



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardo	ous Waste Report booklet before completing this form.
Sec. I A. Waste description - Instruction page 18. Chrome seal prior to paint mixture	of chrome & water, chrome containing liquid
B. EPA hazardous waste code Page 19. D. O. O. 7. N. A. N. A. N. A. N. A. N. A. N. A. D. SIC code Page 19. E. Origin code L. Page 19 F. Source code Page 20.	C. State hazardous waste code Page 19. G. Point of measurement H. Form code I. RCRA - radioactive mixed Page 20.
3 6 3 2 System	Page 20. LB 1 0 3 L2
A. Quantity generated in 1992 Instruction Page 21. 8 1 9 0 0	C. UOM Page 21. Density Page 21. D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sower/POTW? Page 21. The site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sower/POTW? Page 21. The site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sower/POTW? Page 21. The site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sower/POTW? Page 21.
ON-SITE PROCESS SYSTEM 1	ON-SITE PROCESS SYSTEM 2
On-site process system type Quantity treated, disposed, or recycled Page 22. On site in 1993 On site in 1993 On site in 1993	On-site process system type Quantity treated, disposed, or recycled on site Page 22. N L L L L L L L L L L L L
Sec.III A. Was any of this waste shipped off-site in 1993 ☐ 1 Yes (CONTINUE Instruction page 23.	
Site 1 B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23. D. Off-site E. Total quantity shipped in 1993 Page 23. Page 23.
Site 2 B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23. [M_1
Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.	(CONTINUE TO SYSTEM 1) (THIS FORM IS COMPLETE)
B. Activity Page 24. C. Other effects Page 24. D. Quantity recycled in 1993 d Page 25. LW LW 1 Yes LW 2 No	index Page 25.
Comments:	

Reference Sec. 1, Box F Chrome Seal Prior to Painting

AMAMA REFRIGERATION

Cynthia A. Baldwin

AMANA, IA 52204

HWY 220

IAD000610436

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, **DISPOSAL, OR RECYCLING** PROCESS SYSTEMS

ecycling system description Neutralization of Sodiu		
	ım Salts	
Regulatory status ge 39. i <mark>O i 2</mark> 1	D. Operational status Page 39. LOIL	E. Unit types Page 39. NA OLL
	B. Maximum operational capacity Page 41.	
UOM Density Li Li • Li - 2 2 - Li - 1 lbs/gal - 2 sg		2,6,6,4,•
UOM Density	Page 42.	UOM Density
」 ○ □ 1 lbs/gai □ 2 sg	RCRA L	O O O O O O O O O O O O O O O O O O O
F. Commercial capacity availability Page 43.	y code G. Percent capaci Page 43.	ty commercially available
2	UOM Density 1 1 lbs/gal 2 sg UOM Density 1 1 lbs/gal 2 sg F. Commercial capacity availability Page 43.	B. Maximum operational capacity Page 41. UOM Density Total



U.S. ENVIRONMENTAL **PROTECTION AGENCY**

1993 Hazardous Waste Report

AMANA REFRIGERATION Cynthia A. Baldwin

HWY 220

AMANA, IA 52204

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING **PROCESS SYSTEMS**

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.				
Sec. I A. Waste treatment, disposal, or recycling system description Instruction Page 38. Neutralization of Ion Exchange Regenerations				
B. System type Page 38. LM 1, 2, 1 Page 39.	tory status	D. Operational st Page 39.	E. Unit types Page 39. N A O 1	
Sec. II A. 1993 influent quantity Instruction page 40.		B. Maximum oper Page 41.	perational capacity	
Total2_0_1_6_0_0 RCRA2_0_1_6_0_0	UOM Density 3,5	Total L	9_8_7_0_0_0 9_8_7_0_0_0_•	
C. 1993 liquid effluent quantity Instruction page 42.		D. 1993 solid/slud Page 42.	sludge residual quantity	
Total, 2 0 1 6 0 0 • RCRA N A	UOM Density 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Total LLL	NA UOM Density NA	
E. Limitation on maximum operational capacity Page 43. 1. 0 9 2. 0 4 3. 0 6	F. Commercial capacity availability Page 43.	y code	G. Percent capacity commercially available Page 43.	
TO DESCRIPTION OF THE PROPERTY	NO STATE OF THE PARTY OF THE PARTY OF			



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

IAD000610436

AMANA REFRIGERATION Cynthia A. Baldwin HWY 220

AMANA, IA 52204

PS PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.						
Sec. I	Sec. ! A. Waste treatment, disposal or recycling system description Instruction Page 38. Recycling of D007 with an ion exchange unit					
B. System t Page 38.	_{LM} 0, 7, 8,	C. Regulatory Page 39.	0 1 2 1	D. Operational : Page 38.	otatus O <u>i 1</u> i	E. Unit types Page 39.
Sec. II	A. 1993 influent quantity Instruction page 40.			B. Maximum op Page 41.	erational capacity	.*
Total L_1	2,1,5,9,5,8,5,2, _,2,1,5,9,5,8,5			Tetal L	2,5,3,8,	0,0,0,0,
C. 1983 liquid effluent quantity D. 1993 solid/studge residual quantity Page 42.						
Total L	2, 1,0,7,0,4,3,5 , ,1,0,7,0,4,3	UOM 5 		Total L	N A N A	UOM Density Lillouing Lillouing 1 lbs/gai 2 sg
Page 43.	on maximum operational capacity	.0.7	F. Commercial capacity availabilit Page 43.	y code	G. Percent capaci Page 43.	ity commercially available
The Property of the Party of th						

Comments:

Sec. I, Box B This is a chrome containing waste recycled through an Ion exchange unit. Sec. 11, Box D All effluents from this system are sent to a chemical precipitation unit. The quantity of solid / sludges will be reported on PS form Page 18 of 20.



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

AMANA REFRIGERATION Cynthia A. Baldwin HWY 220

AMANA, IA 52204

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.			
Sec. I A. Waste treatment, disposal, or recyclic Instruction Page 38. Chemi	ng system description .cal Precipitation o	f Chrome Waste DOO	7
B. System type Page 38. O 7 7 LM 1 7	latory status	D. Operational status Page 39. 0, 1,	E. Unit types Page 39. Or 1, 10, 2,
Sec. II A. 1993 influent quantity Instruction page 40.		B. Maximum operational capacity Page 41.	
7 3 4 1 9 1 7 0 1 1 5 4 1 1 5 RCRA	UOM Density 3,4	Total5, 2, 6	8000 - 7,5,3,4 ,• -7,5,3, 4,•, 4720
C. 1993 liquid effluent quantity Instruction page 42. 1 3 4 1 9 1 7 0 Total 1 1 5 4 1 1 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	UOM Density _5 <u> 18 • (3 4 </u> 	D. 1993 solid/sludge residual quant Page 42. Total	UOM Density 3, 0, 3,
E. Limitation on maximum operational capacity Page 43. 1. 0 4 2 0 6 3 0 5	F. Commercial capacity availability Page 43.	y code G. Percent capac Page 43.	ity commercially available

HWY 220

REFORE COPYING FORM. ATTACH SITE IDENTIFICATION LABEL OR ENTER:

IAD000610436



PROTECTION AGENCY

1993 Hazardous Waste Report

U.S. ENVIRONMENTAL

OFF-SITE **IDENTIFICATION**



AMANA, IA 52204

Cynthia A. Baldwin

AMANA REFRIGERATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing	g this form.
Site 1 A. EPA ID No. of eff-site installation or transporter LIND, 0,1,6,6,2,1,4,7,6	B. Name of off-site installation or transporter Ashland Chemical Co.
C. Handler type (CHECK ALL THAT APPLY) Generator Firansporter FISOR	D. Address of generator Street 1817 W. Indiana Avenue City South Bend State IIN Zip 4, 6, 6, 1, 3,
Site 2 A. EPA ID No. of off-site installation or transporter [I ₁ N ₁ D ₁ [9 ₁ 8 ₁ 0 ₁ [5 ₁ 9 ₁ 0 ₁ [9 ₁ 4 ₁ 7]	B. Name of off-site installation or transporter Industrial Fuels & Resources
C. Handler type (CHECK ALL THAT APPLY) Generator Transporter TSDR	D. Address of generator 604 S. Scott Street South Bend I N Zp 4 6 6 2 5 -
Site 3 A. EPA ID No. of off-site installation or transporter T ₁ X ₁ D ₁ O ₁ 5 ₁ 5 ₁ [1 ₁ 4 ₁ 1 ₁] 3 ₁ 7 ₁ 8 ₁	B. Name of off-site installation or transporter Rollins Environmental Services (TX) Inc.
C. Handler type (CHECK ALL THAT APPLY) Generator Transporter Strong	D. Address of generator Street 2027 Battleground Road City Deer Park State ITIX Zp 7.7.5.3.6
A. EPA ID No. of off-site installation or transporter [MINID] [01212] [9:619] [0:2:6]	8. Name of off-site installation or transporter Dahlen Transport Inc.
C. Handler type (CHECK ALL THAT APPLY) Generator Transporter TSDR	D. Address of generator Street City State Zip
A. EPA ID No. of off-site installation or transporter [L ₁ A ₁ D ₁ O ₁ L ₁ O ₂ 1 ₃ 19 15 1 ₄ 1 ₄ 2 ₄ 7 ₅	B. Name of off-site installation or transporter Rollins Environmental Services (LA) Inc.
	D. Address of generator Street 13351 Scenic Highway City Baton Rouge State LA Zp 7101810171-

IAD000610436



1993 Hazardous Waste Report

FORM

OFF-SITE IDENTIFICATION

U.S. ENVIRONMENTAL

PROTECTION AGENCY

1 AD0006 1

Cynthia A. Baldwin

HWY 220

AMANA, IA 52204

INSTRUCTIONS: Read the detailed instructions on the

Site 1 A. EPA ID No. of eff-site installation or tra

Li, A, D, O, 2, 2, 3, 6

C. Handler type (CHECK ALL THAT APPLY)

AMANA REFRIGERATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completin	g this form.
The supplier of the supplier o	
A. EPA ID No. of off-site installation or transporter I, A, D, 0, 2, 2, 3, 6, 5, 4, 8, 0, C. Handler type (CHECK ALL THAT APPLY) Generator	B. Name of off-site installation or transporter Northland Products Company D. Address of generator Street 1000 Rainbow Drive Waterloo
FTransporter FTSDR	State Waterloo LIA Zp 5 0 7 0 4 - 1
Site 2 A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY) Generator Transporter	D. Address of generator Street City
O TSDR	State Zp
Site 3 A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY) Generator Transporter TSDR	D. Address of generator Street City State
A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter
CHECK ALL THAT APPLY) Generator Transporter TSDR	D. Address of generator Street City State Zip
ite 5 A. EPA ID No. of off-site installation or transporter	B. Name of eff-site installation or transporter
☐ Generator ☐ Transporter	D. Address of generator Street City State